

Applicants: Ulrich Wilhelm BRANDES.
Application No. 10/561,553
Response to Notice of Non-Compliant dated February 9, 2007

LISTING OF THE CLAIMS

1. (currently amended) Shuttlecock, comprising
an approximately conical crown, wherein the crown includes an integrally formed fastening element disposed in a region of the small end of the crown, a striking cap, which is essentially dome-shaped at least in a front section, when viewed in the flight direction, and which is anchored in the fastening element, and at least one ring which is releasably attached to the crown and surrounds the such that the ring surrounds the crown and is being pretensioned by the conical crown and by a rear boundary wall of the striking cap.
2. (previously amended) Shuttlecock according to claim 1, wherein, when the at least one ring is installed, its position is fixed by an applied pretension produced, on one hand, by the conical exterior surface of the crown and, on the other hand, by a rear boundary wall of the striking cap.
3. (previously amended) Shuttlecock according to claim 1, wherein the at least one ring is made of an elastic material.
4. (previously amended) Shuttlecock according to claim 1, wherein an inside diameter of the at least one ring is smaller than an outside diameter of the striking cap.
5. (previously amended) Shuttlecock according to claim 1, wherein the outside diameter of the at least one ring is greater than the outside diameter of the striking cap.

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6. (previously amended) Shuttlecock according to claim 1, wherein the at least one ring is made of one chosen from the group consisting of thermoplastic polyolefins, polyethylene, polypropylene, EPDM, TPE-EPDM, and rubber.
7. (previously amended) Shuttlecock according to claim 1, wherein the at least one ring has a substantially toroidal surface.
8. (previously amended) Shuttlecock according to claim 1, wherein the at least one ring has a weight of approximately between 10 and 70 percent of the weight of the shuttlecock without the at least one ring being installed.
9. (previously amended) Shuttlecock according to claim 1, wherein the at least one ring has a weight of approximately between 1 and 25 grams.
10. (previously amended) Shuttlecock according to claim 1, wherein the material of the at least one ring has a Shore value in the range of approximately 40 to 90.
11. (previously amended) Shuttlecock according to claim 1, wherein the at least one ring has an outside diameter of approximately 25 to 70 mm and an inside diameter of approximately 15 to 40 mm.
12. (previously amended) Shuttlecock according to claim 1, wherein the exterior surface of the crown has a length of approximately between 33 and 43 mm and the striking cap has a diameter of approximately between 20 and 30 mm, and in addition the crown has approximately the shape of a straight truncated cone and the surface of the base covered by the conc has a diameter of approximately 45 to

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55 mm.

13. (previously amended) Shuttlecock according to claim 1, further comprising several rings, which are made of the same material and have the same dimensions.
14. (previously amended) Shuttlecock according to claim 1, further comprising several rings having at least one characteristic from the group consisting of different dimensions and being made of materials having different densities.
15. (previously amended) Shuttlecock according to claim 1, wherein the at least one ring is at least one of capable of emitting light and equipped with ornamental light sticks.
16. (previously amended) Shuttlecock according to claim 1, wherein an opening is provided in the striking cap, so that acoustic resonances can be produced by an impinging airflow.
17. (previously presented) Shuttlecock according to claim 1, wherein the material of the at least one ring has a Shore value of approximately 70.
18. (previously presented) Shuttlecock according to claim 1, further comprising two to four rings, which are made of the same material and have the same dimensions.